

**ABSTRACT**

Disclosed is a method for removing polynucleotide from the skin. This polynucleotide can be used to detect dermatitis and distinguish an irritant reaction from an allergic reaction by characterizing the polynucleotide according to the polypeptide which it encodes. Additionally, provided are methods for non-invasive isolation of samples from the skin as well as kits for use in the methods provided herein.

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